

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,190,593 B2  
APPLICATION NO. : 10/022732  
DATED : March 13, 2007  
INVENTOR(S) : Aiki et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

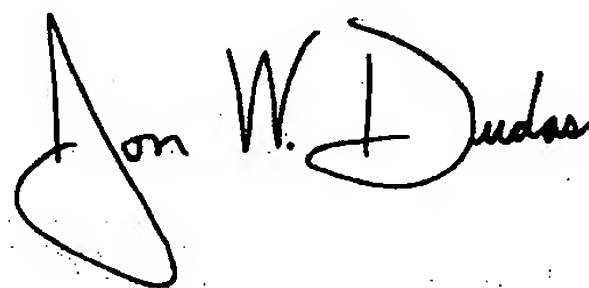
On title page  
Item (54):

Please

**INSERT -- Hitachi ULSI Systems Co., Ltd. --**

Signed and Sealed this

Fourteenth Day of August, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*